

# 2020 Census



May 2014

Monthly Status Report

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# Key Program Updates

## Key Updates

- Completed final report from 2013 Census test on May 28.
- Final system and operations preparations nearly complete for the 2014 Census Test (July 1 Census Day).
- Began development of planning documents for the four tests envisioned for 2015.
- Submitted the detailed business proposal for the Decennial Architecture and Information Technology Roadmap to the Decennial Leadership Group for approval on May 21.

# Status of Major Tests

# Test Descriptions and Status

## 2013 Census Test

***NOTE: Upon issuance of the final report for this Test on May 28, 2014, we will no longer carry this page in the monthly MSR. Subsequent updates will be noted as appropriate under Key Program Updates or Additional Updates.***

### **Description**

We are examining the operational feasibility of the use of administrative records to reduce nonresponse followup (NRFU) workload and an adaptive contact strategy to increase NRFU productivity. We conducted NRFU operations from November 2 to December 4, and have analyzed the data. Preliminary results already have been used in developing the 2014 Census Test.

### **Summary of Activities (last 30 days)**

1. Briefed results of the 2013 Census Test to the Population Association of America on May 1, the Regional Directors Conference on May 13, and the American Association for Public Opinion Research on May 17.
2. Final report completed May 28.

### **Look Ahead (next 60 days)**

Brief results of the 2013 Test to the Washington Statistical Society on June 12.

# Test Descriptions and Status

## 2014 Census Test (1 of 2)

### Description

We will test self-response and nonresponse field components to obtain results needed to answer research questions and inform preliminary design decisions for the 2020 Census. The scope of the test includes: incorporating the testing of the self-response modes and the contact strategies for “Notify Me”, our pre-registration tool; utilization of e-mail and automated voice invitations; testing of the mobile devices that are used for followup enumeration with non-responders in the field; testing of alternative contact strategies (telephone or personal visit) for non-responders; using administrative records to remove cases from the non-responding workload; and applying adaptive design methodologies in managing the way field enumerators are assigned their work. We will also conduct focus groups in the geographic site of the 2014 Census Test to examine reactions to the alternate contact, response, and administrative record use; privacy or confidentiality concerns and how the Census Bureau might address these concerns through micro- or macro-messaging.

### Milestone Dates

Begin Pre-Registration -- June 5, 2014

Begin Self-Response Data Collection -- June 23, 2014

Conduct Census -- June to September 2014

Census Day -- July 1, 2014

Send Self-Response Reminder Notifications -- July 1, 2014 and July 8, 2014

Send Final Reminders with Paper Questionnaire Booklets -- July 15, 2014

Begin Nonresponse Followup -- August 14, 2014

Complete Data Collection -- September 28, 2014

### Summary of Activities (last 30 days)

#### Systems/Applications

1. Conducted interface testing for various internal system hand-offs, as well as refined techniques to gather paradata by the e-mail/text provider to deliver to the Unified Tracking System (UTS) repository for analysts' review.
2. Conducted the independent vendor security testing for the internet data collection instrument and the “Notify Me” (pre-registration) instrument.
3. Conducted the User Acceptance Testing and Usability testing for the Census baseline application for the pre-registration web services with the features of the National Strategy for Trusted Identities in Cyberspace (NSTIC) pilot, which is a government-wide initiative lead by the National Institute of Standards and Technology (NIST) to provide cyber identity initiatives support efforts to validate and authenticate Internet access/respondent identity.

# Test Descriptions and Status

## 2014 Census Test (2 of 2)

### Systems/Applications (cont.)

4. Conducted two onboarding (new employee orientation) tests to determine efficacy of training to get users acquainted with the NRFU instrument and through the security steps to assign iPhones to each user.
5. Conducted two user acceptance testing activities to ensure the 2014 NRFU instrument Census Operational Mobile Platform for Adaptive Services and Solutions (COMPASS), the 2014 control system, Research and Testing Operational Control System (RTOCS), and the adaptive design model and business rules work as expected. Also verified that the outputs of the instrument meet the requirements. Issues were identified during each test, corrected, and the instrument was retested with specific scenarios to verify the changes worked as planned.
6. Released the RTOCS operations control system for production.
7. Delivered the production SAS programs for the adaptive design assignment to UTS for the 2014 Census Test.

### Operations

1. Received Office of Management and Budget (OMB) clearance on May 13 – all materials have been approved for print file preparation.
2. Completed development of enumerator training materials for NRFU treatments and sent to print, except the onboarding chapter which required revisions as a result of testing.

### Look Ahead (next 60 days)

#### Systems/Applications

1. Complete any remaining revisions to the COMPASS and release for training purposes and production.
2. Release to production self-response systems including: Pre-Registration Instrument (“Notify Me”), Telephone Questionnaire Assistance (WebTQA), Self-Response Internet Solution (Centurion), paper data capture system (ICADE), Optimizing Self-Response Cost and Progress and reporting system (UTS-OSR) and the Public 2014 Census Test webpage.

#### Operations

1. Complete development of the remaining chapter on initializing and sign-on to the enumeration instrument for field training materials.
2. Complete review of proofs of all printed materials.
3. Print and assemble all self-response materials including internet invitation card, envelopes, reminder postcards, and questionnaires.

# Test Descriptions and Status

## 2015 Census Testing Activities

**NOTE: This slide is an overview of 2015 Census Testing Activities. We will begin showing separate slides for each of the major focus areas listed below in the upcoming months. This month we will have a slide for the first test on the list, the Master Address File (MAF) Model Validation Test (MMVT).**

### Description

The primary purpose of testing activities in 2015 is to provide information needed to make the major design decisions for the 2020 Census. We are designing components of the 2015 test activities to authenticate new methodologies, ensure that the quality of data is maintained, and to quantify potential cost savings. In order to accomplish this, a major focus of the 2015 Census test activities is to utilize planned automation and available real-time data to transform the efficiency and effectiveness of data collection operations.

The proposed testing activities focus on:

- MMVT
- 2015 Census Test
- Optimizing Self-Response Test
- National Content and Self-Response Test

### Summary of Activities (last 30 days)

1. Started development of the planning documents for each test, including test plans and Federal Register pre-submission notification templates.
2. Initiated contact with internal stakeholders, including Field and Geography Divisions, and the Information Technology, Demographic, and Communications Directorates.
3. Commenced site selection process for field testing activities.

### Look Ahead (next 60 days)

1. Submit final Federal Register pre-submission templates for final review.
2. Finalize site selections.
3. Develop an integrated baseline schedule for each test.
4. For each test, develop architecture documentation, including high level business process and functional diagrams.
5. Begin development of the OMB packages.



# Test Descriptions and Status

## Master Address File (MAF) Model Validation Test (MMVT)

### Description

This test is critical for informing the performance of the methods and models that will help us develop the address list and define the Targeted Address Canvassing workloads needed for the operational design decision point in September 2015. The test will be executed using a 10,100 block sample with the following objectives: collect address data in a national-level address listing operation to use in the validation of the Statistical Models; identify, from a “proof of concept” perspective, the feasibility of (a) having geographers review various materials, primarily aerial imagery over time, to detect possible changes within blocks, and (b) conducting field activities [Focused Field Address Resolution (FFAR) operation] to update the address list and maps in the portions of those block where we detected possible changes; and validate the accuracy of local government address lists, and our “interactive review” of those files.

### Milestone Dates

Test in Field – September 2 to December 19, 2014

Results from field work delivered for statistical analysis – January 27, 2015

### Summary of Activities (last 30 days)

1. Started scheduling training sessions for both new and experienced staff.
2. Prepared document describing micro-targeting and high-level description of methodology for selecting blocks for test, situations conducive to micro-targeting as a field methodology, and relationship to in-office review processes.
3. Decided to change terminology “micro-targeting” to “Focused Field Address Resolution” (FFAR) to avoid confusion with use of the term in marketing and advertising, where it refers to messaging targeted to specific segments of the population.

### Look Ahead (next 60 days)

1. Dry run and finish developing training materials.
2. Complete the systems test of the Listing Check (quality control for listing activities).
3. Provide test data (production and listing check) for the software development and testing of the adjudication process.
4. Complete the notice to OMB of the dates that the test will be in the field collecting information under the generic OMB clearance.
5. Develop the test plan for the FFAR supplement that will be used to list portions of blocks.
6. Finalize methodology for selecting blocks for the FFAR supplement; identify specific office operations needed to identify blocks requiring resolution.

# Test Descriptions and Status

## Small-Scale E-mail Contact Testing

### Description

We are studying some fundamental questions on optimizing the content and methods of contacting respondents through e-mail. There will be three phases of research and testing: Phase 1 will attempt to empirically research the optimal design of e-mails to generate response with a sample of respondents who have opted-in to do research with the Census Bureau. If Phase 1 is successful, the most promising designs from Phase 1 will be replicated with a cold-contact sample in Phase 2. Phase 3 will take the methods we have established in the earlier phases into the field for 2015 testing activities.

### Phase 1 Milestone Dates

- Proof-of-Concept Test: January 2014
- Pre-test (replicating and validating proof-of-concept): February 2014
- OMB Generic Clearance received: March 2014
- Test 1: Email Content March 2014
- Test 2: Email Format May 2014
- Test 3: Email timing July 2014
- Test 4: Email navigation September 2014
- Test 5: Email reminders November 2014

### Summary of Activities (last 30 days)

1. Analyzed and drafted report for the validation test (Test 1). The report confirms results of the proof-of-concept test, which focused on different subject lines and two versions of the format of the email (e.g., a primarily text-based email and one that uses colors and different size font). The survey used in this validation test had the same address screens as the last test, along with the same demographic and opinion questions.
2. Building on Test 1, we planned and implemented an email format test (Test 2), which tested twelve email panels (combinations of 3 initial email subject line variations, 2 reminder email variations, and 2 email formats).

### Look Ahead (next 60 days)

1. Analyze data and draft report about the Test 2 results.
2. Plan Test 3, making changes using results from the prior tests to further study self response objectives and to further test content and format of email messages.

# Test Descriptions and Status

## Local Update of Census Addresses (LUCA) Focus Groups

### Description

We will obtain feedback on potential LUCA models for the 2020 Census through a series of focus groups with LUCA participants. Focus groups will consist of eligible LUCA participants in various geographic areas representing various sizes and types of governments. Issues to discuss may include LUCA participation options (2010 LUCA Options 1, 2, and 3), media options (paper, electronic), and if/how the Geographic Support System impacts how they might participate in 2020 LUCA. The results will help determine whether a broader survey of all local, tribal, and state governments will be needed.

### Summary of Activities (last 30 days)

Cancelled the International Institute of Municipal Clerks focus group (May 18-22, 2014: Milwaukee, WI) due to lack of time slots to conduct the focus group at this conference. There is no impact to missing this focus group as we planned to conduct 6 to 7 focus groups and targeted 8 in case we were not able to get on the agenda of an existing conference to conduct a focus group. The team continues to plan for the June focus groups while compiling the transcript and notes from the previous three focus groups held in March and April.

### Look Ahead (next 60 days)

Conduct the remaining four focus groups at the following conferences:

- National American Indian Housing Council (June 3-5, 2014: Kansas City, KS)
- Pennsylvania Municipal League (June 17-19: Philadelphia, PA)
- Association of Washington Cities (June 17-20: Spokane, WA)
- Florida Association of Counties (June 17-20: Orlando, FL)

# Status of Major Cost-Saving Research Tracks

# Research Status

## Optimizing Self-Response

### Description

We are examining ways to leverage technology, variation in demographic/geographic response propensities, and new modes to promote Internet response and to increase the overall self-response rate. This includes the use of Internet data collection, adaptive contact strategies, and new contact modes such as telephone and e-mail. In addition, through ongoing collaborations with communications specialists, we will study and monitor the communications environment and seek new/additional opportunities to engage the public and encourage response to the Census (e.g., social networking, strategic partnerships, advertising, etc.).

### Summary of Activities (last 30 days)

Began internal discussions about the American Community Survey (ACS) research on increases in Internet use for survey response and trends in combination with the past work on Internet Push (invitation without a questionnaire) and Internet Choice (Internet invitation delivered with the questionnaire prompting respondent choice). This will contribute to our plans for timing and modeling of the invitations and respondent propensities for future testing purposes.

### Look Ahead (next 60 days)

Began collaboration with the Information Technology and Communications Directorates to develop both Decennial/2020 and Enterprise initiatives for new/additional opportunities to engage the public and encourage response to the Census and to develop new modes to promote Internet response.

# Research Status

## Reengineering Nonresponse Followup (NRFU)

### Description

We are developing methods to reduce costs of the nonresponse followup operation, while maintaining our commitment to the quality of the information collected, through the use of administrative records and an adaptive contact strategy for field work. We are researching the utilization of existing administrative records to identify (1) unoccupied housing units that could be enumerated without a visit, and (2) occupied housing units that could be enumerated with fewer or no visits during a nonresponse followup operation. We are also researching ways to adapt the sequencing of cases requiring a visit and number of contact attempts made at households during field operations, based on information available before and during the data collection period.

### Summary of Activities (last 30 days)

1. Updated the adaptive design model and business rules for the COMPASS/RTOCS user acceptance testing in April based on lessons learned during the second system test in March for the 2014 Test.
2. Completed unit testing and user acceptance testing of the Administrated Records Modeling services software for the 2014 Census Test.
3. Completed the Time and Motion study model for the fingerprinting process for the 2014 Test.

### Look Ahead (next 60 days)

1. Begin researching imputation approaches to account for unresolved characteristics due to administrative records usage or reduced NRFU contacts.
2. Begin researching predictive models for determining the best contact time during NRFU using American Community Survey data.
3. Complete Time and Motion study model for NRFU operations for the 2014 Test.

# Research Status

## Reengineered IT Infrastructure

### Description

We are leveraging the Census Bureau's enterprise systems and solutions to support IT services, data capture, data processing, and data dissemination for the 2020 Census. We are providing insight about requirements and business rules needed to develop systems for IT solutions that will support the 2020 Census. We are providing support for the development of requirements, management of systems readiness, and testing for the 2014 Census Test and subsequent testing activities in FY 2015.

### Summary of Activities (last 30 days)

1. Submitted the detailed business proposal for the Decennial Architecture and Information Technology Roadmap to the Decennial Leadership Group for approval on May 21.
2. Reviewed current assumptions about 2020 Census paper data capture needs with internal stakeholders on May 19 and 20. These assumptions will guide the development of the detailed business proposal for this project and the paper capture capability and solution requirements.
3. Validated unresolved telephony assumptions with the 2020 Portfolio Management Governing Board and the Communications Group. These assumptions will guide the development of the detailed business proposal for this project and the telephony capability and solution requirements.
4. Began development of the 2020 IT Strategic Plan in collaboration with the IT Directorate.
5. Please refer to slide 6 for activities related to the 2014 Census Test.

### Look Ahead (next 60 days)

1. Baseline assumptions about the scope of telephone and paper capture operations for the 2020 Census.
2. Begin developing a draft of the 2020 IT Integration and Management Plan.
3. Draft the Project Management Plan for the Decennial Architecture and IT Roadmap project.
4. Please refer to slide 7 for activities related to the 2014 Census Test.

# Research Status

## Reengineered Field Automation and Operational Infrastructure

### (1 of 2)

#### **Description**

The purpose of the 2020 Field Re-Engineering Team (ROCKIT- Reorganize Census with Integrated Technology) is to fundamentally redefine the business processes, core capabilities, and roles of field operations and staff as a catalyst to the transformation of Decennial Census operations for 2020. The effort will evaluate the feasibility of fully utilizing the advantages of planned automation and available real-time data to transform the efficiency and effectiveness of data collection operations. This initiative will leverage existing technologies or build prototype systems based on the core capabilities identified and defined by the team. The process and technologies will make use of experiments, lab simulations and analysis as well as 2015 field integration to understand the possibilities presented by systems, inform infrastructure decisions, and focus future design and business decisions.

#### **Summary of Activities (last 30 days)**

1. Completed the concept of operations (CONOPS), project management plan, project charter and high-level schedule of deliverables.
2. Created high level system integration diagrams and integration plan.
3. Provided briefings to Census Bureau leadership as well as to several members of the National Academy of Sciences Panel on the new ROCKIT Concept of Operations. The CONOPS has received the needed approvals.
4. Created the initial automated training plan, schedule of deliverables, and began building the needed materials for the enumerators.
5. Prepared a plan for the Micro-simulation, as well as Human in the Loop Simulation, for deliverables. Micro-simulation will provide information about the respondents and enumerators from current surveys. The Human In the Loop will simulate and test our new field structure for staff and management processes.
6. Received Authority To Test for enhanced operational control system from Office of Information Security.



# Research Status

## Reengineered Field Automation and Operational Infrastructure (2 of 2)

### Look Ahead (next 60 days)

1. Work with Field Directorate staff on enhanced operational control system reporting.
2. Provide enhanced operational control system demonstration to Census Bureau Senior Leadership.
3. Meet with United Parcel Service on June 16 to discuss ORION auto-routing project and visit their operational control center.
4. Create Business Process Model for ROCKIT Panel creation.
5. Create scenarios to simulate new organizational field staffing for Human in the Loop Simulation prior to field production in 2015.

# Research Status

## Continual Address Frame Updating and Targeting

### Description

We are examining the MAF/TIGER maintenance processes, the impact our current processes have on maintenance, and improvements that can be made. In partnership with the Geographic Support System, our research focuses on both workloads and field productivity, and emphasizes reducing workloads through the use of statistical models that identify geographic areas where roads and/or addresses have changed since the last Census. Evaluations include both quality and cost impacts. This work will culminate in a final Targeted Address Canvassing (TAC) design where address listing for the 2020 Census only needs to be conducted in areas experiencing significant change and for which we have no other source(s) of information to update our files for these changes.

### Summary of Activities (last 30 days)

1. Performed cost analysis and estimation for the statistical models built on data available in 2009. This information will help estimate the predicted cost savings of conducting TAC in 2020 for a subset of options.
2. Completed aerial imagery review of housing unit data for 28 counties.

### Look Ahead (next 60 days)

1. Begin research into developing statistical models for blocks with no housing units; these blocks accounted for 10 percent of the adds in 2010 Address Canvassing.
2. Begin integrating the statistical and geographical modeling work for identifying areas of the address list that require updating as well as the plans for updating the list and the tools and field canvassing methods that will be utilized.

# Additional Updates

# Oversight & Stakeholder Engagement

## **Description**

This covers work on major activities related to Government Accountability Office (GAO) and Office of the Inspector General (OIG) audits (e.g., new audits; exit meetings for completed audits; issuance of draft/final reports; preparation of agency action plans), Congressional hearings related to the 2020 Census, and presentations and working meetings with our advisory committees, the 2020 Census NAS panel, and other external stakeholders.

## **Summary of Activities (last 30 days)**

1. Participated in OMB Interagency Working Group for Research on Race and Ethnicity on May 21. This working group meets periodically to discuss research on race and ethnicity and how that research could guide changes to how OMB's standards for data on race and ethnicity are implemented.
2. GAO held an entrance meeting on May 12 to introduce the 2020 Census Internet Response Option engagement objectives. Began meetings with the GAO and assembling requested documentation.
3. Provided agency comments to the OIG draft report, '*Census Bureau Lacks Accurate and Informative Cost Data to Guide 2020 Census Research Through a Constrained Budget Environment*' (April 11, 2014) to OIG on May 12, 2014.
4. Coordinated the visit of Duncan Young, Program Head for the Census of Population & Housing from the Australian Bureau of Statistics (ABS) on May 5 and 6; Duncan met with 2020 and ACS staff to learn about the 2020 Census Program and presented the ABS's plans for their 2016 Census.
5. Attended the United Kingdom (UK)'s Office for National Statistics, *Beyond 2011 International Review Panel*, to provide feedback on the UK's 2021 Census design, May 20-23, and presented our 2020 research on the use of administrative data and field-re-engineering.
6. Presented on 2020 Census Updates at the ACS Data Users Conference on May 29, 2014.
7. The Census Bureau received, and has begun preparing a response to, a letter from Senator Thomas R. Carper, Chair and Senator Tom A. Coburn, Ranking Member for Committee on Homeland Security and Governmental Affairs. The letter requests information about the extent to which the Census Bureau is on track for its preparations for Census 2020; including whether the Census Bureau will be able to make a final design by the September 2015 target date. They also asked the Census Bureau to respond to a list of specific questions included in their letter.

## **Look Ahead (next 60 days)**

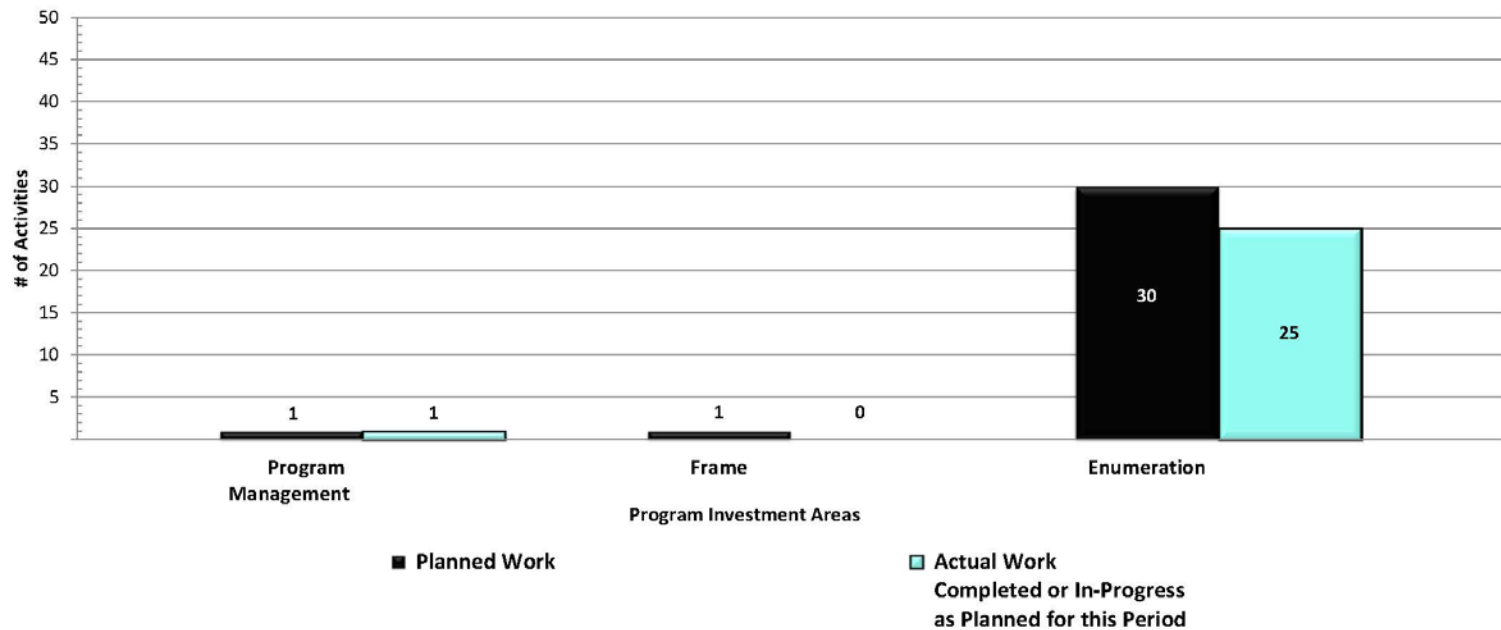
1. Prepare a formal action plan (due to OIG by July 27, 2014) in response to the report mentioned in #3 above.
2. Conduct the seventh 2020 Program Management Review on June 6, 2014.

# Program Schedule Metrics

## Research & Testing

May 31, 2014 Run Date: June 12, 2014	Key Activities in the Current Reporting Period	
	Planned	Actual Work Completed or In-Progress (as Planned)
Overall Program:	32	26
Program Management:	1	1
Frame:	1	0
Enumeration:	30	25

**Key Activities by Investment Area**  
Current Reporting Period: May 1 - 31, 2014



# Program Schedule Metrics

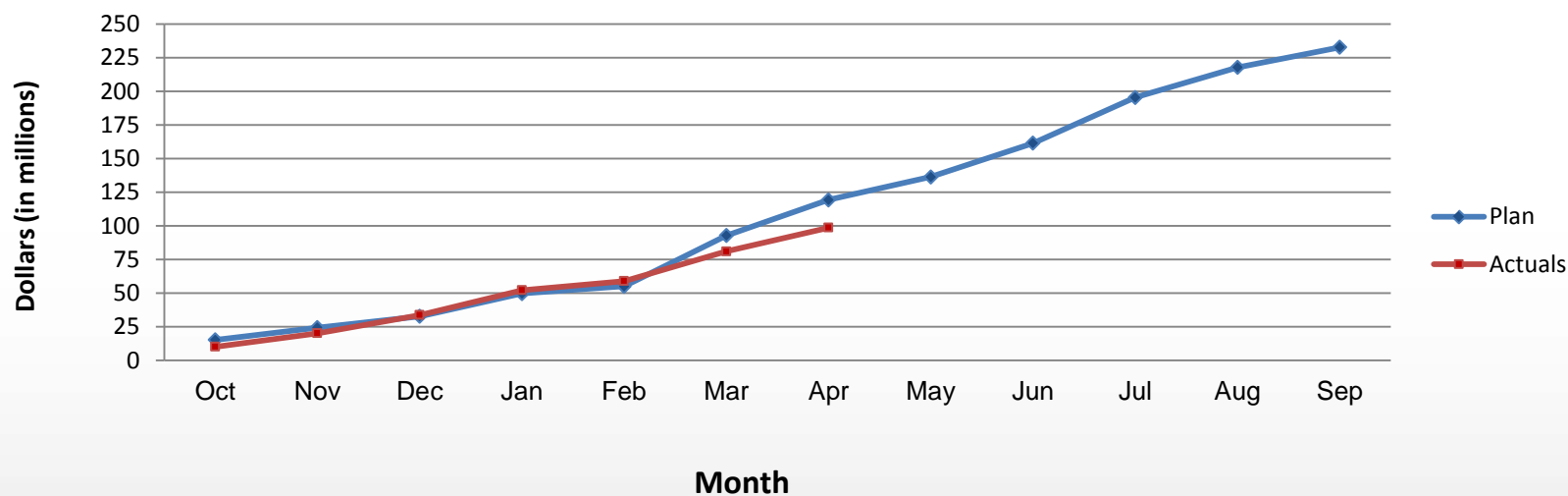
## Research & Testing

Planned Work for May 1-31, 2014						
Activity ID	Activity Name	BL Project Start	BL Project Finish	Start	Finish	Status
20AFA.R-11130	Receive and Provide Data from 4.104 (WLM) 2014 Census Test	May-21-14	Jun-18-14	Jun-10-14	Jul-08-14	Not Started
20AFA.R-13050	Deploy Training RTOCS	May-20-14	May-20-14	May-20-14 A	May-20-14 A	Completed
20AFA.R-13060	Provide RTOCS Training Materials to Field Office Staff	May-20-14	May-20-14	May-19-14 A	May-19-14 A	Completed
20AFA.R-13070	Pull DAPPS Production data from AMSD	May-22-14	Sep-25-14	May-19-14 A	May-19-14 A	Completed
20AFA.R-13090	Receive and Load GRF-C Production Data from GEO	May-20-14	May-27-14	May-19-14 A	May-19-14 A	Completed
20AFA.R-13330	Receive and Load Production GRF-N from GEO	May-20-14	May-27-14	May-19-14 A	May-19-14 A	Completed
20AFA.R-13340	Receive and Load Production Spatial Data from GEO	May-20-14	May-27-14	May-19-14 A	May-19-14 A	Completed
20AFA.R-13770	Receive and Load Production MAF from GEO	May-20-14	May-27-14	May-19-14 A	May-19-14 A	Completed
20AFA.R-13790	Receive and Load Production Treatment from DSSD	May-20-14	May-27-14	Jun-10-14	Jun-16-14	Not Started
20AFA.R-14420	Perform System Readiness Review with SE&I (RTOCS)	May-19-14	May-19-14	May-12-14 A	May-12-14 A	Completed
20AFA.R-15480	RTOCS Ready for Crew Formation	May-30-14	May-30-14	May-20-14 A	May-20-14 A	Completed
20CARA.R-10328	Receive Multiple Scheduled Data Deliveries of 2014 Census Test from UCRM (Non-ID Daily)	May-16-14	Aug-21-14	Jun-30-14	Oct-02-14	Not Started
20DSSD.R-10925	Use Administrative Records and UAA's to Remove Workload and Set Admin Rec Admin Rec Modeling	May-22-14	Jul-07-14	Jun-13-14	Jul-28-14	Not Started
20LUC.R-10250	Determine Final Candidate Options for LUCA Program Improvement Project	May-22-14	Jul-17-14	Jun-10-14*	Aug-04-14	Not Started
20MTS.R-11010	Deliver MAF Extract Data to TMO/RTOCS	May-19-14	May-19-14	May-13-14 A	May-13-14 A	Completed
20MTS.R-11700	Match and Geocode Test Data (2010 Non-ID Cases) For UAT (One-Time)	Apr-14-14	Jun-02-14	Apr-07-14 A	May-23-14 A	Completed
20MTS.R-16440	Deliver GRF-N to TMO/RTOCS	May-19-14	May-19-14	May-13-14 A	May-13-14 A	Completed
20MTS.R-16460	Deliver GRF-C to TMO/RTOCS	May-19-14	May-19-14	May-13-14 A	May-13-14 A	Completed
20NPC.R-13770	Prepare Pre-Registration Post Card for Mailout	May-21-14	May-27-14	Jun-03-14 A	Jun-11-14	In Progress
20NPC.R-13890	Receive Contact 1 Address File for Internet Invitation	Apr-28-14	May-13-14	Jun-04-14 A	Jun-24-14	In Progress
20NPC.R-13895	Print Contact 1 (Internet Instruction Package)	Apr-28-14	May-17-14	Jun-10-14	Jun-28-14	Not Started
20OSR.R-3700	Send Final Print Files To DOCUPRINT/NPC For Reminder Postcards/Self-Mailers	May-19-14	May-22-14	May-21-14 A	Jun-13-14	In Progress
20OSR.R-3770	Send Print Jobs To GPO/Obligate funds for Paper Questionnaires	May-14-14	May-14-14	May-23-14 A	May-23-14 A	Completed
20PLR.R-17170	Develop Trade-Off Analysis Methodology	Feb-11-14	Jun-04-14	Jan-11-13 A	May-06-13 A	Completed
20TQA.R-12210	Develop TQA/CATI Training	Feb-27-14	May-01-14	May-01-14 A	Jun-02-14 A	Completed
20TQA.R-12220	Print TQA/CATI Training Materials	May-05-14	May-12-14	Jun-03-14 A	Jun-05-14 A	Completed
20TQA.R-12230	Ship TQA/CATI Training Materials to Contact Centers	May-13-14	May-13-14	Jun-05-14 A	Jun-06-14 A	Completed
20UCRM.R-50950	Execute UCRM LABEL in production	Apr-28-14	May-06-14	Apr-29-14 A	May-06-14 A	Completed
20UCRM.R-50970	Deliver Pre-Notice Label files to NPC and AVI vendor	May-07-14	May-07-14	May-07-14 A	May-07-14 A	Completed
20UCRM.R-50990	Deliver Contact 2 Label files to NPC and Email Vendor	May-07-14	May-07-14	Jun-04-14 A	Jun-16-14	In Progress
20UCRM.R-51200	Execute UCRM ENUMPREP in production	Apr-28-14	May-02-14	Apr-17-14 A	Apr-17-14 A	Completed
20UCRM.R-51220	Make available the Enumeration Universe UECT to UTS, ICADE and ATAC	May-05-14	May-09-14	Apr-14-14 A	Apr-18-14 A	Completed

# Program Budget / Costs

## Information as of April 30

FY 2014 Cumulative Budget Actuals vs. Plan



# Program Budget / Costs

## Information as of April 30

	April Cum Plan	April Cum Actuals	April Cum Variance	% Variance
<b>GRAND TOTAL</b>	<b>\$119,290,701</b>	<b>\$98,553,106</b>	<b>\$20,737,595</b>	<b>17.4%</b>

At the end of April, the \$20.7M variance in the 2020 Census program consists of \$6.6M in salaries and \$14.1M in other objects. The salary variance is due to delays in filling vacancies. We expect to fill these vacancies soon, supplemented by contractors, to ensure the program stays on schedule to complete planned activities. The other objects variance is driven by a delay in obligations and differences in the monthly plans for other object obligations that will occur in the third and fourth quarters. We still plan to award these contracts, and don't believe the delays will significantly affect our ability to stay on schedule and complete planned activities.

R1 Program Management	\$5,025,572	\$5,479,794	(\$454,222)	(9.0%)
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The variance is within threshold

R2 Systems Engineering and Integration	\$4,779,822	\$4,731,222	\$48,600	1.0%
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The variance is within threshold

<b>R3 – R8 Subtotal</b>	<b>\$109,485,307</b>	<b>\$88,342,090</b>	<b>\$21,143,217</b>	<b>19.3%</b>
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R3 Frame	\$3,955,117	\$3,499,345	\$455,772	11.5%
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The variance in this area is due to start up activities related to the MAF Error Model Validation Test (MMVT) being slower than anticipated. The operating plan will be revised to reflect the anticipated spending. We are monitoring operations to ensure there is no impact to the program as the funding will be spent only slightly later than planned.



# Program Budget / Costs (cont.)

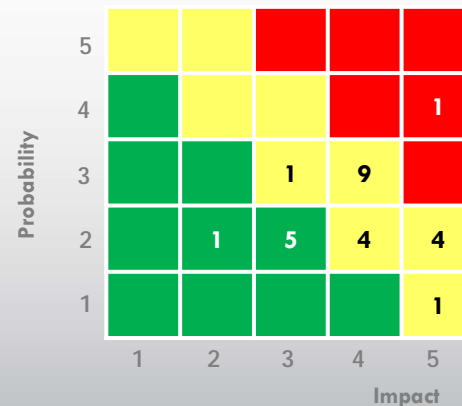
## Information as of April 30

R4 Enumeration	\$34,703,640	\$29,706,204	\$4,997,436	14.4%
The variance in this area consists of \$3.8M lower than expected salary costs and \$1.2M lower than expected other object costs. The salary variance is due to delays in filling vacancies. We expect to fill these vacancies soon, supplemented by contractors, to ensure the program stays on schedule to complete planned activities. The majority of the other objects variance is due to delays in obligating the following contracts: 1) Whirlwind contract for ICADE and COMET support, 2) Contract for Unified Tracking System (UTS), and 3) Contract for Consulting services for Hiring and Employee Check. There is no impact to the program as the contracts are expected to be obligated over the next months. Staff are continuing to be brought into the program.				
R5 Response Processing	\$2,881,296	\$1,341,598	\$1,539,698	53.4%
The variance in this area consists of \$0.4M lower than expected salary costs and \$1.1M lower than expected other object costs. The salary variance is due to delays in filling vacancies. We expect to fill these vacancies soon, supplemented by contractors, to ensure the program stays on schedule to complete planned activities. The other object variance is due to the contract funds for the Control and Response Data System (CARDS) were placed in the incorrect month. The operating plan will be revised to reflect the expected obligation later in the year.				
R6 Data Products	\$9,089,092	\$6,749,651	\$2,339,441	25.7%
The variance in this area is due to a brief delay in obligating the DADS contract. There is no impact to the program as we expect the funds to be obligated in May.				
R8 Infrastructure	\$58,856,162	\$47,045,292	\$11,810,870	20.1%
The variance in this area consists of \$2.0M in lower than expected salary costs and \$9.8M in lower than expected other object costs. The salary variance is due to delays in filling vacancies. We expect to fill these vacancies soon, supplemented by contractors, to ensure the program stays on schedule to complete planned activities. The majority of the other objects variance is due to a delay in obligating the following contracts/other objects: 1) Workman's compensation bill, 2) Decennial Budget Integration Tool (D-BiT) contract, 3) Administrative Records Contract, 4) DSCMO IT Security contract, 5) Office of General Counsel (OGC) MOU, 6) Contract for the Global Positioning System (GPS). There is no impact to the program as these funds will be obligated by the end of the year.				
Note: Explanations are required for frameworks with variances that are equal to or greater than +/- 10% OR greater than +/- \$500k.				

# Program-Level Life Cycle Risks (1 Red, 19 Yellow, 6 Green)

	WBS	Risk ID	Name	Level	Prior Month	Prob	Imp
1	1.105	LC-020	AdRec Usage Policy	H	-	4	5
2	1.110	LC-007	Skillset Shortage	M	-	3	4
3	1.106	LC-002	Cost Goal	M	-	3	4
4	2.101	LC-010	Enterprise IT Solutions	M	-	3	4
5	1.104	LC-011	Acquisition Lead Time	M	-	3	4
6	1.108	LC-012	External Support	M	-	3	4
7	1.105	LC-015	Program Life Cycle	M	-	3	4
8	1.105	LC-022	Late Technical Innovations	M	-	3	4
9	2.101	LC-024	Flexible Design	M	-	3	4
10	2.101	LC-025	System Readiness	M	-	3	4
11	1.107	LC-021	Schedule Impacts	M	-	3	3
12	1.108	LC-026	Public's Trust of Bureau's Internet Security	M	-	2	5
13	1.106	LC-003	Meeting Cost Assumption Goals	M	-	2	5
14	2.101	LC-028	Internet Data Collection	M	-	2	5
15	1.106	LC-030	FY15 Funding Request	M	NEW	2	5
16	1.106	LC-001	Cost Model	M	-	2	4

	WBS	Risk ID	Name	Level	Prior Month	Prob	Imp
17	1.105	LC-017	IRS Data Access	M	-	2	4
18	2.101	LC-027	IT Security Controls	M	-	2	4
19	1.104	LC-029	Contract Management	M	-	2	4
20	1.106	LC-004	ACS Funding and Integration	M	-	1	5
21	1.109	LC-008	PM/SE Resistance	L	-	2	3
22	2.101	LC-009	Requirements Engineering	L	-	2	3
23	1.105	LC-016	Policy Impacts	L	-	2	3
24	1.105	LC-023	Inconclusive Data	L	-	2	3
25	1.105	LC-019	T13 Data Access	L	-	2	3
26	1.104	LC-018	TAA Compliance	L	-	2	2



## Comments:

- LC-030\_FY15 Funding Request is a new risk. We have carried a "funding request" risk for each fiscal year of the Census life cycle. Meeting 2020 Census objectives requires appropriate funding throughout the life cycle.